

12398600 PEND OREILLE RIVER AT INTERNATIONAL BOUNDARY, WA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to 1981 (National Stream-quality Accounting Network Station), Water-quality monitor April 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1974 to September 1981.

WATER TEMPERATURE: April 1974 to September 1981; April 1999 to current year.

TOTAL DISSOLVED GAS: May 1999 to current year.

INSTRUMENTATION.--Water-quality monitor April 1974 to September 1981; April 1999 to current year.

REMARKS.--Interruptions in the record were due to malfunctions of the instrument. Temperature record excellent except the following days that contain partial record which are considered fair: Oct. 1, 2, Nov. 6, 14-21, 29, 30, Mar. 28-Apr. 1, 3-7, 9-13, 24-27, May 2, 5, 11, 12, 15, 19-22, 26, 30, June 7-16, 21-26, July 5, 11, 23, Aug. 1-4, 8, 9. Total dissolved gas record good except Dec. 21-Jan. 23, which is considered fair, and the same days listed for temperature record (excluding Apr. 5, May 5, 15, 26 and June 24-26) which are considered poor. In addition to the water-quality monitor record, samples were collected approximately once a month from 1974 to 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 242 micromhos July 17, 1974; minimum, 62 micromhos April 25, 1975.

WATER TEMPERATURE: Maximum, 24.5°C (rounded) July 28-30, 1975; minimum, 0.0°C (rounded) at times during winter periods.

TOTAL DISSOLVED GAS: Maximum, 142 percent saturation Aug. 7, 15, 2000 and July 15, 2001, but may have been higher during periods of missing record; minimum, 92 percent saturation Dec. 18, 20, 28, 2000, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.2°C Aug. 16-19; minimum, 0.0°C several days in Dec.

TOTAL DISSOLVED GAS: Maximum, 142 percent saturation July 15, but may have been higher during periods of missing record; minimum, 92 percent saturation Dec. 18, 20, 28, but may have been lower during periods of missing record.

PRESSURE, TOTAL PARTIAL, DISSOLVED GASSES, WATER, UNFILTERED, PERCENT SATURATION, WATER YEAR OCTOBER 2000 T

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	107	102	103	104	96	98	106	95	98	120	96	103
2	105	101	102	111	96	98	107	96	99	108	96	100
3	106	99	101	115	97	101	103	96	98	105	97	99
4	102	99	100	106	99	100	110	95	99	109	98	100
5	104	98	100	109	98	99	100	95	96	108	98	101
6	112	98	99	103	97	98	106	95	97	110	97	102
7	112	99	101	111	97	99	99	95	97	119	98	104
8	113	100	105	100	98	99	103	96	98	110	98	103
9	108	101	102	101	98	99	104	97	99	110	99	102
10	108	101	102	102	97	98	101	96	98	111	98	102
11	107	100	102	105	97	99	106	95	97	106	98	100
12	103	100	100	106	96	99	111	95	99	104	99	100
13	103	100	101	102	96	98	104	95	97	113	99	104
14	113	99	103	117	96	103	105	96	99	108	97	103
15	107	99	101	109	96	102	110	96	100	113	98	102
16	102	99	100	110	96	100	110	94	98	105	96	99
17	102	99	100	106	95	101	100	94	95	105	97	101
18	105	99	100	106	96	101	113	92	96	105	97	100
19	102	98	99	105	95	100	103	93	96	106	97	99
20	103	100	101	107	96	100	97	92	93	100	97	98
21	103	100	100	104	95	99	99	94	95	108	98	99
22	108	98	100	98	95	96	109	95	98	112	97	100
23	108	98	100	106	95	99	111	95	100	114	98	102
24	102	98	99	111	95	99	102	96	97	---	---	---
25	103	98	99	117	95	99	109	95	100	---	---	---
26	114	99	101	106	96	98	112	95	99	---	---	---
27	114	99	102	97	96	96	107	93	97	---	---	---
28	104	99	100	103	95	97	111	92	98	---	---	---
29	107	100	101	104	97	100	110	93	98	---	---	---
30	113	98	102	99	96	97	112	93	100	---	---	---
31	107	96	99	---	---	---	109	94	97	110	99	104
MONTH	114	96	101	117	95	99	113	92	98	120	96	101

PEND OREILLE RIVER BASIN

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PRESSURE, TOTAL PARTIAL, DISSOLVED GASSES, WATER, UNFILTERED, PERCENT SATURATION, WATER YEAR OCTOBER 2000 T

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	109	100	105	---	---	---	109	103	106	104	101	101
2	111	100	103	---	---	---	120	105	108	103	100	101
3	109	100	104	---	---	---	115	99	110	101	98	99
4	113	101	103	---	---	---	104	98	102	108	99	100
5	108	102	104	---	---	---	107	102	105	104	99	101
6	---	---	---	---	---	---	112	104	108	113	98	103
7	---	---	---	---	---	---	110	106	108	102	101	101
8	---	---	---	---	---	---	106	105	105	111	102	106
9	---	---	---	---	---	---	106	102	104	111	105	108
10	---	---	---	---	---	---	117	109	113	108	106	107
11	---	---	---	---	---	---	110	97	106	114	105	108
12	---	---	---	---	---	---	114	103	106	113	108	110
13	---	---	---	---	---	---	119	104	111	120	106	112
14	---	---	---	---	---	---	118	103	113	115	104	107
15	---	---	---	---	---	---	108	103	105	112	105	106
16	---	---	---	---	---	---	107	105	106	109	106	106
17	---	---	---	---	---	---	115	105	109	114	104	109
18	---	---	---	---	---	---	112	106	108	111	107	109
19	---	---	---	---	---	---	108	105	106	117	107	111
20	---	---	---	---	---	---	112	106	108	117	107	110
21	---	---	---	---	---	---	112	105	109	111	106	108
22	---	---	---	108	105	107	110	105	107	113	106	110
23	---	---	---	110	104	106	110	103	107	119	105	107
24	---	---	---	109	106	107	112	105	107	112	101	107
25	---	---	---	111	106	108	114	106	110	110	106	107
26	---	---	---	108	107	108	111	105	107	128	106	112
27	---	---	---	111	105	107	112	99	108	121	109	112
28	---	---	---	107	104	106	111	98	105	115	107	110
29	---	---	---	114	106	109	107	104	105	110	106	107
30	---	---	---	110	106	107	107	102	104	112	104	107
31	---	---	---	111	108	110	---	---	---	114	106	108
MONTH	113	100	104	114	104	108	120	97	107	128	98	107
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	115	109	110	114	101	104	115	102	105	118	103	109
2	110	106	106	111	100	103	112	101	107	108	101	103
3	111	105	106	112	103	106	116	101	106	109	100	103
4	107	102	104	129	104	112	108	99	105	110	101	103
5	108	100	104	117	103	106	109	98	102	109	102	105
6	105	102	103	108	102	104	113	97	103	117	100	106
7	109	102	105	119	102	107	116	99	104	105	100	102
8	112	101	106	113	101	105	112	102	107	110	99	102
9	109	102	104	113	101	105	113	102	104	126	99	106
10	113	102	105	122	100	106	112	102	103	113	101	106
11	110	104	107	108	98	103	107	99	103	108	99	103
12	109	103	106	113	100	105	112	101	105	106	98	100
13	109	101	105	125	97	104	114	103	108	103	98	100
14	110	101	104	114	102	107	118	99	107	106	97	99
15	108	100	102	142	101	116	120	105	110	115	99	101
16	107	101	103	118	106	111	116	102	107	112	99	103
17	112	100	103	119	100	108	116	99	105	111	102	104
18	107	97	102	120	99	111	111	104	107	106	101	103
19	110	103	105	113	102	108	113	103	105	113	102	105
20	108	103	105	117	103	109	114	103	107	108	102	103
21	109	105	107	123	101	110	125	113	117	108	101	103
22	112	106	108	114	100	108	127	101	110	107	100	102
23	116	107	109	113	102	107	113	100	102	115	100	105
24	112	106	108	126	100	110	122	101	107	110	99	104
25	109	103	105	130	101	112	113	101	108	119	99	107
26	108	100	104	116	102	108	105	100	102	116	103	107
27	110	102	104	117	103	106	110	98	103	120	103	109
28	105	99	101	113	103	107	109	97	101	117	101	107
29	105	101	102	111	102	105	107	98	101	104	100	101
30	112	103	105	119	103	110	103	98	100	105	98	100
31	---	---	---	115	101	105	109	97	102	---	---	---
MONTH	116	97	105	142	97	107	127	97	105	126	97	104
YEAR	142	92	104									

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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	14.7	---	---	9.9	9.7	9.8	2.6	2.5	2.5	.8	.7	.8
2	14.6	---	---	9.7	9.4	9.5	2.7	2.5	2.6	.8	.7	.7
3	14.4	13.9	14.2	9.4	9.1	9.2	2.8	2.7	2.7	.7	.6	.7
4	13.9	13.4	13.7	9.1	9.0	9.0	2.7	2.4	2.5	.9	.7	.8
5	13.6	13.0	13.4	9.0	8.8	8.9	2.4	2.3	2.3	1.3	.9	1.0
6	13.4	12.9	13.2	8.8	---	---	2.4	2.3	2.3	1.6	1.3	1.4
7	13.1	12.7	13.0	8.6	8.4	8.5	2.6	2.4	2.5	1.8	1.5	1.7
8	12.9	12.4	12.8	8.4	8.1	8.2	2.8	2.6	2.7	2.0	1.7	1.9
9	12.7	12.3	12.5	8.1	---	7.7	2.9	2.6	2.8	2.0	1.8	1.9
10	12.5	12.1	12.4	7.7	7.3	7.6	2.9	2.8	2.9	1.9	1.7	1.8
11	12.4	12.1	12.3	7.3	6.7	7.1	2.8	2.5	2.7	1.8	1.6	1.7
12	12.4	12.0	12.3	6.9	6.5	6.7	2.5	2.0	2.3	1.7	1.5	1.6
13	12.4	12.1	12.3	6.5	6.1	6.3	2.0	1.5	1.8	1.5	1.4	1.5
14	12.3	11.9	12.2	6.2	5.7	---	1.5	1.3	1.4	1.5	1.4	1.5
15	12.2	12.0	12.1	---	---	---	1.5	.9	1.2	1.5	1.4	1.4
16	12.0	11.7	11.9	---	---	---	.9	.8	.9	1.6	1.0	1.5
17	11.8	11.6	11.8	---	---	---	.9	.7	.8	1.6	1.4	1.5
18	11.6	11.4	11.5	---	---	---	.7	.4	.6	1.5	1.4	1.4
19	11.5	11.2	11.4	---	---	---	.5	.2	.3	1.5	1.3	1.4
20	11.5	11.2	11.4	4.1	3.7	---	.2	.0	.1	1.4	1.1	1.3
21	11.6	11.2	11.5	---	3.4	---	.1	.0	.0	1.2	1.0	1.1
22	11.6	11.5	11.6	3.4	3.0	3.2	.1	.0	.0	1.1	1.0	1.0
23	11.5	11.1	11.3	3.0	2.8	2.9	.0	.0	.0	1.0	1.0	1.0
24	11.3	10.9	11.1	2.9	2.8	2.9	.0	.0	.0	1.0	.9	1.0
25	11.0	10.8	10.9	2.9	2.9	2.9	.0	.0	.0	1.0	.9	1.0
26	10.8	10.6	10.7	3.0	2.8	2.9	.0	.0	.0	.9	.8	.9
27	10.6	10.4	10.5	2.8	2.8	2.8	.1	.0	.0	.9	.9	.9
28	10.4	10.3	10.3	2.8	2.6	2.7	.1	.0	.0	1.0	.9	.9
29	10.3	10.2	10.3	2.7	2.5	2.5	.2	.0	.0	1.0	.9	1.0
30	10.2	10.1	10.2	2.5	---	---	.5	.2	.3	1.2	1.0	1.1
31	10.2	9.9	10.0	---	---	---	.7	.5	.7	1.3	1.2	1.3
MONTH	14.7	9.9	11.8	9.9	2.5	6.1	2.9	.0	1.3	2.0	.6	1.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.4	1.3	1.3	---	---	---	6.5	---	---	10.3	9.9	10.2
2	1.4	1.3	1.4	---	---	---	6.5	6.2	6.4	10.0	9.6	9.8
3	1.5	1.4	1.4	---	---	---	6.4	---	---	9.6	9.4	9.5
4	1.5	1.3	1.4	---	---	---	6.5	---	---	9.9	9.3	9.6
5	1.5	1.3	1.4	---	---	---	6.3	---	---	10.1	---	---
6	1.3	---	---	---	---	---	6.3	---	---	10.1	9.0	9.9
7	---	---	---	---	---	---	6.7	---	---	9.9	9.6	9.8
8	---	---	---	---	---	---	6.3	6.2	6.3	10.1	9.7	9.9
9	---	---	---	---	---	---	6.3	6.1	6.2	10.3	9.9	10.1
10	---	---	---	---	---	---	6.6	---	---	10.9	10.1	10.5
11	---	---	---	---	---	---	6.7	---	---	11.3	---	---
12	---	---	---	---	---	---	6.7	---	---	11.8	---	---
13	---	---	---	---	---	---	6.5	---	---	12.3	11.8	12.0
14	---	---	---	---	---	---	6.4	6.2	6.3	12.4	12.2	12.3
15	---	---	---	---	---	---	6.7	5.9	6.3	12.3	12.0	12.2
16	---	---	---	---	---	---	6.4	6.0	6.3	12.3	12.1	12.2
17	---	---	---	---	---	---	6.7	6.3	6.5	12.1	11.6	11.9
18	---	---	---	---	---	---	6.8	6.4	6.7	11.7	11.5	11.6
19	---	---	---	---	---	---	7.3	6.8	7.0	12.1	---	---
20	---	---	---	---	---	---	7.6	7.1	7.4	12.0	---	---
21	---	---	---	4.9	---	---	8.0	7.2	7.7	11.7	---	---
22	---	---	---	5.1	4.7	4.9	8.2	7.7	8.0	12.0	---	---
23	---	---	---	5.1	4.8	5.0	8.3	7.9	8.2	12.4	11.9	12.2
24	---	---	---	5.2	4.9	5.1	8.6	8.0	8.4	13.1	11.9	12.7
25	---	---	---	5.4	5.1	5.3	8.8	---	---	13.9	12.8	13.5
26	---	---	---	5.7	5.4	5.5	8.9	---	---	14.5	---	---
27	---	---	---	5.9	5.6	5.8	9.9	---	---	15.2	14.4	14.9
28	---	---	---	6.1	---	6.0	10.0	9.4	9.7	15.7	15.2	15.5
29	---	---	---	6.2	---	---	10.1	9.5	9.8	16.1	14.9	15.8
30	---	---	---	6.5	---	---	10.2	10.0	10.1	16.2	---	---
31	---	---	---	6.4	---	---	---	---	---	16.0	15.5	15.9
MONTH	1.5	1.3	1.4	6.5	4.7	5.4	10.2	5.9	7.5	16.2	9.0	11.9

